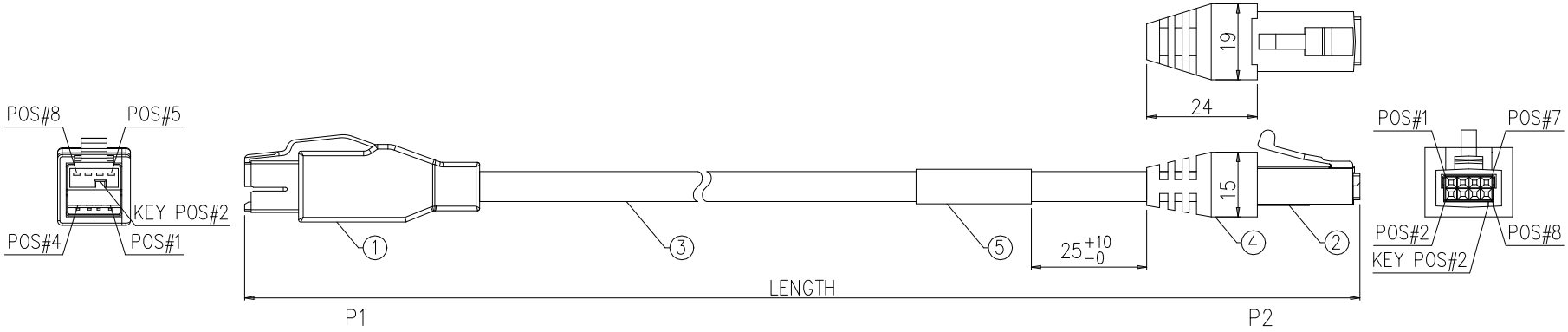
AICC PART NO.	LENGTH	SMU P/N	FRU P/N	REVISION	COLOR
10109831-Z0050YYLF	500+50/-0	3AA00996000	3AC00568500	REV007	PEBBLE GRAY
10109831-Z0200YYLF	2000+50/-0	73Y1104	73Y1104	REV007	
10109831-Z0400YYLF	4000+50/-0	73Y1123	73Y1123	REV007	



PIN ASSIGNMENT				
P1	SIGNAL NAME	WIRE COLOR	WIRE AWG	P2
1	+5V	RED	20	3
2	-DATA	WHITE	28 *	6
3	+DATA	GREEN	28 *	4
4	GROUND	BLACK	20	5
5	GROUND	BLUE	20	7
6	+24V	BROWN	20	2
7	+24V	ORANGE	20	8
8	GROUND	YELLOW	20	1
SHELL	FRAME GND	BRAID		SHELL

*TWISTED PAIR

Q'TY	UNIT	DESCRIPTION	ITEM
1	EA	ADHESIVE LABEL, CLEAR	5
A/R	KG	OVERMOLD PVC, 94V-0, PEBBLE GRAY (IBM CODE 43-4216)	4
A/R	M	USB+POWER CABLE: UL(CM) CSA(CMG), 28AWG*1P+20AWG*6C+AL/MYLAR+ DRAIN+BRAID, PEBBLE GRAY (IBM 43-4216)	3
1	SET	USB+POWER PLUG KIT (24V) KEY POSITION 2, AICC P/N: 74233-202LF	2
1	SET	2x4 LATCH-N-LOK 360° SHIELDED PLUG CONNECTOR KIT <24V> KEY POSITION 2, GRAY , AICC P/N: 98028-8092LF	1

mat'l. code | surface ISO 1302 | tolerance ISO 406 ISO 1101 | projection

tolerances unless otherwise specified

angles | linear

MM

scale N/A

ltr	ecn no	dr	date
A	/	Carl	12/08'09
B	ELX-N-22465	Carl	11/11'15
C	ELX-N-29574	Carl	03/16'18
D	ELX-N-30646	Carl	07/06'18
E	ELX-N-34916	Steven	09/5'19

dr	Steven	09/05'19
engr	Steven	09/05'19
chr	Tim Yao	09/05'19
appd	Tim Yao	09/05'19

sheet index | revision sheet | E 2

product family: Cable Assembly

title: USB+POWER(24V) TO 2x4 LATCH-N-LOK CABLE ASSEMBLY

dwg no 10109831 | sheet 1 of 2 | size A3

type Customer Drawing

Amphenol FCi

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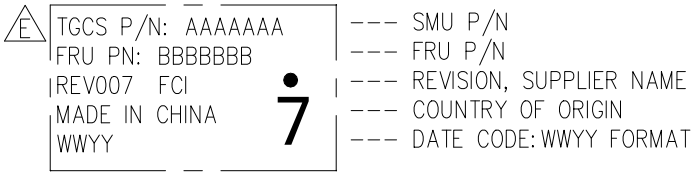
form: A3-2016-02-24

PDS: Rev :E STATUS: Released Printed: Nov 13, 2019

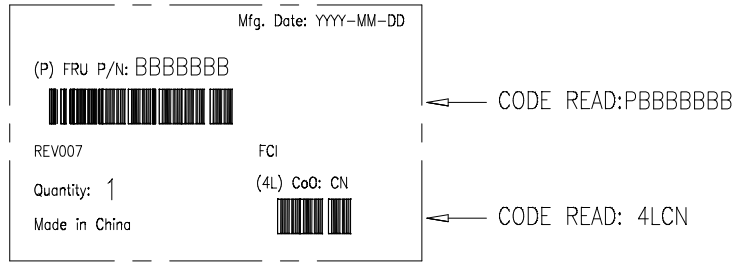
AICC PART NO.
SEE SHEET 1

NOTES:

1. USB+POWER MATES WITH AICC PART NUMBER: 55917-6XXLF.
   2x4 LATCH-N-LOK MATES WITH FCI PART NUMBER:
   74355-XYY2LF OR 87316-XYY2LF.
2. THIS DIMENSION IS A FINISHED PRODUCT LENGTH.
3. ALL CABLE ASSEMBLIES SHALL BE TESTED 100% FOR CONTINUITY AS DEFINED IN WIRING LIST.
4. UNLESS OTHERWISE SPECIFIED ALL CABLE ASSEMBLIES SHALL BE 100% HI-POT TESTED: DC 300V/10ms
5. OTHER ELECTRICAL SPECIFICATIONS:
   DIELECTRIC RESISTANCE: 50M Ohms MIN.
   CONNECTION RESISTANCE: 1.8 Ohms MAX. (For 4M LENGTH)
   CONNECTION RESISTANCE: 1.2 Ohms MAX. (For 2M LENGTH)
   CONNECTION RESISTANCE: 1.0 Ohms MAX. (For <2M LENGTH)
6. LABEL SHOULD BE PRINTED WITH BLACK TEXT AS SHOW BELOW:



7. CABLE ASSEMBLY MUST WITHSTAND 66.7N (15 LB) PULL FORCE IN ANY DIRECTION WITHOUT DAMAGE WHILE PLUGGED.
8. LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
9. CONNECTOR ASSEMBLIES SHOWN ARE FOR REFERENCE ONLY AND MAY NOT SHOWN ALL PART DETAIL, REFERENCE CONNECTOR ASSEMBLY DRAWINGS FOR COMPLETE DETAILS.
10. PACKAGE: EACH CABLE ASSEMBLY IN CLEAR ZIP-LOCK BPLY BAG, LABEL (WHITE BACKGROUND WITH BLACK LETTERS, CONTENT SEE BELOW) TO BE STAMPED ON CLEAR ZIP-LOCK POLY BAG, THEN BULK PACKED IN A BOX.



mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family: Cable Assembly
ltr	ecn no	dr	date	tolerances unless otherwise specified			title: USB+POWER(24V) TO 2x4 LATCH-N-LOK CABLE ASSEMBLY
				angles	linear	MM	
						scale N/A	
				dr Steven	09/05'19	Amphenol FCi	dwg no 10109831 sheet 2 of 2 size A3
				engr Steven	09/05'19		
				chr Tim Yao	09/05'19		type Customer Drawing
				appd Tim Yao	09/05'19		
sheet index	revision sheet	E 2					

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